



EXPRESS MAIL CERTIFICATE

DOCKET NO. : 801939/111

APPLICANTS : Lars Langemyr, Daniel Bertilsson, Arne Nordmark, Per-Olof Persson, and Jerome Long

TITLE : A METHOD FOR ASSEMBLING THE FINITE ELEMENT DISCRETIZATION OF ARBITRARY WEAK EQUATIONS, INVOLVING LOCAL OR NON-LOCAL MULTIPHYSICS COUPLINGS

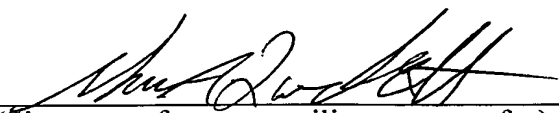
Certificate is attached to the **Information Disclosure Statement (1 page)** and **PTO-1449 Form (1 page) in duplicate** of the above-named application.

"EXPRESS MAIL" NUMBER: EV652971532US
DATE OF DEPOSIT: October 7, 2005

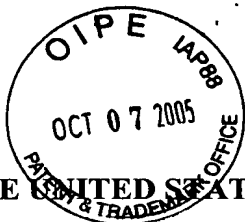
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PATENT
Docket No.: 801939/111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Langemyr et al.)	Examiner:
)	Unknown
Serial No. :	09/995,222)	
Cnfrm. No. :	9649)	Art Unit:
)	2121
Filed :	November 27, 2001)	
For :	A METHOD FOR ASSEMBLING THE FINITE)	
	ELEMENT DISCRETIZATION OF)	
	ARBITRARY WEAK EQUATIONS,)	
	INVOLVING LOCAL OR NON-LOCAL)	
	MULTIPHYSICS COUPLINGS)	

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98**

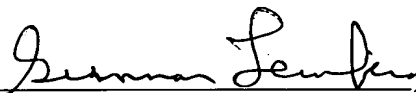
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Dear Sir:

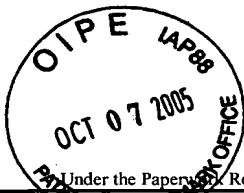
Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the
United States Patent and Trademark Office, the enclosed references listed on the attached
PTO-1449 form.

Respectfully submitted,

Date: Oct 9, 2005


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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/995,222
				Filing Date	November 27, 2001
				First Named Inventor	Langemyr et al.
				Art Unit	2121
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	801939/111

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Kind Code ² Country Code ³ Number ⁴ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	George et al., "Delaunay Triangulation and Meshing," <i>Hermes</i> , Paris 33-238 (1998) Delaunay triangulation: 33-46, 50-59; Constrained triangulation: 73-99; Parametric surface meshing: 161-173; Optimizations: 215-238	
	2	Dahlquist, et al., "Numerical Methods," <i>Prentice Hall</i> 284-355 (1974) Interpolation: 284-285; Linear Solver: 146-172; Time-Dependent Solver: 347-355; Eigenvalue Solver: 208-211; Damped Newton Method: 248-253	
	3	Brenner et al., "The Mathematical Theory of Finite Element Methods," <i>Springer-Verlag</i> 1-12 (1994) The Finite Element Method: 1-12	
	4	Frey et al., "Mesh Generation, Application to Finite Elements," <i>Hermes</i> , Paris 88-90 (2000) Mesh Search: 88-90	
	5	Zienkiewicz et al., "The Finite Element Method," <i>McGraw-Hill</i> 1:23-177 Basis Function: 23-26; Quadrature Formulas, Gauss Points, Weights: 175-177	
	6	Davenport et al., "Computer Algebra Systems and Algorithms for Algebraic Computation," <i>Academic Press</i> 28-32 (1993) Symbolic Differentiation: 28-32	
	7	C. Johnson, "Numerical Solution of Partial Differential Equations by the Finite Element Method," <i>Studentlitteratur</i> 14-18 (1987) Test Function 14-18	

Examiner Signature		Date Considered	
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